

CLAIMS

[1] A navigation apparatus comprising:

a geography interpreting section for at least interpreting,
after a destination is assigned by a user, geography of an area
5 around the destination by using map data stored in a storage medium,
and at least generating geographic information for indicating a
characteristic of the area around the destination as a voice output;
and

a voice output section for outputting the voice output in
10 accordance with the geographic information generated at the
geography interpreting section.

[2] The navigation apparatus according to claim 1, wherein the
geography interpreting section starts interpreting immediately
after a destination is assigned by the user, the geography of the
15 area around the destination.

[3] The navigation apparatus according to claim 2, wherein the
geography interpreting section at least acquires map data on the
area around the destination, and interprets geography thereof,
based on a polygon or a map symbol which comprises the acquired
20 map data.

[4] The navigation apparatus according to claim 1, further
comprising:

a route calculating section for calculating a route to a
destination assigned by the user, wherein

25 the geography interpreting section interprets geography of

an area around the route calculated by the route calculating section, and generates geographic information for indicating a characteristic of the area around the route as a voice output.

[5] The navigation apparatus according to claim 4, wherein the
5 geography interpreting section at least acquires map data on the area around the route calculated at the route calculating section, and interprets geography thereof, based on a polygon or a map symbol which the obtained map data is comprised of, and/or the route calculated by the route calculating section.

10 [6] The navigation apparatus according to claim 1, further comprising a request determination section for determining whether a request to output the geographic information is made by the user or not, wherein

the geography interpreting section starts to interpret the
15 geography of the area around the destination, after the request determination section determines that an output of the geographic information is requested.

[7] The navigation apparatus according to claim 4, further
comprising a request determination section for determining whether
20 a request to output the geographic information is made by the user or not, wherein

the geography interpreting section starts to interpret the
geography of the area around the route calculated by the route
calculating section after the request determination section
25 determines that an output of the geographic information is

requested.

[8] The navigation apparatus according to claim 4, further comprising a distance determination section for determining whether a distance from a current position to the destination is
5 below a predetermined value or not, wherein

the geography interpreting section interprets, when the distance determination section determines that the distance is below the predetermined value, geography of an area around a section from the current position to the destination of the route calculated
10 by the route calculating section, and generates geographic information for indicating as a voice output, a characteristic of the area around the section to the destination.

[9] The navigation apparatus according to claim 4, further comprising a route dividing section for dividing the route
15 calculated by the route calculating section into predetermined number of sections, wherein

the geography interpreting section interprets geography of an area around each section generated at the route dividing section, and generates geographic information indicating a characteristic
20 of the area around each section as a voice output.

[10] The navigation apparatus according to claim 9, wherein
the geography interpreting section outputs to the voice output section, based on a starting point of each divided section from the route dividing section and a current position, geographic
25 information which corresponds to one of the divided sections from

the route dividing section, and

the voice output section outputs, when geographic information is inputted from the geography interpreting section, a voice output in accordance with the inputted geographic
5 information.